

**UTAH PASSENGER ROPEWAY SAFETY COMMITTEE MEETING**

**May 12, 2014**

**UDOT Complex  
Salt Lake City**

**Committee Members present:**

Onno Wieringa, Chair  
John Barlow, Vice Chair  
Spencer Chipping, Board Member  
Steve Thygerson, Board Member  
Curt Panter, Board Member

**Members absent:**

Robert Hull, Ex-officio Member  
Jan Leonard, Board Member

**Transportation Commission:**

Wayne Barlow, Commissioner

**Staff:**

Brian Allen

**Others present:**

Rich Taxwood, Snowbird  
Paul Elhert, Doppelmayr  
Andre' Meacham, Lagoon  
Aaron Jarrett, Lagoon  
Dal Freeman, Lagoon  
Patrick McLane, PCMR  
Shawn Marquardt, Doppelmayr  
JR Reinhardt, Canyons  
Jeff Miller, Deer Valley  
John Chadwick, Cherry Peak  
Kevin Rohwr, Cherry Peak

**CALL TO ORDER**

The meeting was called to order at 1:00 pm. The Committee appreciates the continued support from area operators, manufacturers, as well as interested parties by being present at these meetings.

**I. REVIEW AND APPROVAL OF MINUTES**

After a review of the minutes taken March 3, 2014, a motion was made by John Barlow and seconded by Steve Thygerson to approve the minutes with the noted changes. The motion passed unanimously.

## **II. ANNUAL EXCEPTIONS – B77.1**

The Lagoon Sky Ride exception was reviewed. Over the years Lagoon has acquired additional equipment to assist in the evacuation, and the resort personnel train annually to perform an evacuation. The current exception requires annual coordination with the local fire department. With the additional equipment and training the resort does not have to rely on the local fire department participation to complete an evacuation. Lagoon would like to have the Committee consider dropping that requirement. It would be consistent with what is asked for at other resorts.

A motion to approve the exception, including the statement that the annual fire department coordination would not be required in the future, was made by Onno Wieringa, and seconded by John Barlow. Following the discussion the motion was approved unanimously.

It was also discussed that the hydraulic single point failure of the Sky Ride was similar to other lifts relying on the mechanical integrity of the gearbox to run the APU. The discussion identified the similarities of the single point failure of the hydraulic drive system to the single point failure of the more traditional mechanical drive through a gear box. It was determined that a letter explaining the rationale that the Sky Rides hydraulic system meets ANSI B77 could be submitted to the Committee, and then the Committee would be able to make a decision on that interpretation.

The Rustler Lodge exception was reviewed. The Rustler Lodge exception allows for the lift to be operated with just a bottom operator. Every chair is stopped on the top ramp by a redundant photo eye system. The operator has video and voice communication systems to assist in monitoring the unloading. The lift also has the traditional stop gate system.

John Barlow made a motion to approve the Rustler Lodge exception, and Curt Panter seconded the motion. Onno Wieringa abstained from voting. The motion was passed unanimously by the other Committee members.

## **III. ANNUAL EXCEPTIONS – B77.2**

The St. Regis funiculars have two exceptions at this time. One is for the automated operation of the funiculars. The system is designed to the European standards that provide for the automated operation. It works like an elevator. The second exception is for the carrier brakes. The carrier brake operation meets the European standards. ANSI B77.2 standard listed a required deceleration rate for an emergency shutdown that was inadvertently included.

Both of these exceptions will be eliminated if the current revised ANSI B77.2 is approved. The vote on those changes should be completed within the next year.

Onno Wieringa made a motion to approve the St. Regis funiculars exceptions. Steve Thygersen seconded the motion. The motion passed unanimously.

#### **IV. AIR SPACE EXCEPTIONS**

Park City Mountain Resort has an air space exception for the Crescent Lift crossing over the top of the alpine coaster bridge. We have not had any issues with the crossing. John Barlow made a motion to approve the exception, and Spencer Chipping seconded the motion. It passed unanimously.

Snowbird has an air space exception for the Peruvian Lift. The alpine coaster bottom terminal is adjacent to the lift's bottom terminal. Some of the walkways to access the coaster are 5 feet from the outside of the chair. This meets the ANSI B77.1 requirements. We have not had any issues with the proximity of the two systems. Curt Panter made a motion to approve the exception, and Onno Wieringa seconded the motion. It passed unanimously.

Canyons resort has two air space exceptions. The Sunrise Lift has a condominium building along the lift line. The building's fire system sounds in the bottom lift shack. The Waldorf Gondola has a second phase of a hotel being built that encroaches into the air space. The building's fire system will be tied into the bottom lift shack. Steve Thygerson made motion to approve the two exceptions, and Onno Wieringa seconded the motion. The motion passed unanimously.

#### **V. EXCEPTION REQUEST – CANYONS RESORT**

Canyons resort has a temporary structure used for summer operations that is within the air space of the Red Pine Gondola. It is located adjacent to the bottom terminal of the Gondola. The discussion included the setup of the temporary structure and the location of the associated equipment and fuel storage. Following the discussion Onno Wieringa made a motion to approve the request, and John Barlow seconded the motion. The motion passed unanimously.

#### **VI. FOREST SERVICE / STAFF / AREA UPDATES**

##### Updates:

The management of Cherry Peak gave an update on the lift installation and the anticipated opening of the new resort.

#### **VII. SAFETY TOPIC / OPEN DISCUSSION / QUESTIONS**